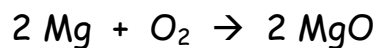


Stoichiometry

- study of the _____ relationships in a _____
- based on _____ equations



The _____ in a _____ give the
_____ for the _____ involved in the
_____.

Ex. Problem:

When elemental aluminum reacts with elemental iodine, aluminum iodide is produced.

mole ratios: _____ Al: _____ I₂
 _____ Al: _____ AlI₃
 _____ I₂: _____ AlI₃

If you start with 4 moles of Al, how many moles of AlI₃ will be produced?

Problem Set One

How many moles of water will be produced when _____ grams of hydrogen gas react with the oxygen in the air?

(Hint: To "make the switch" between different substances in a reaction, use the _____ ratio from the _____ equation.)

Problem Set Two

The Chemistry Quiz

CR1.

CR2.

1.

2.

3.

4.

5.